

Fusion SD Application Guide

This guide expands upon the label instructions on your Fusion package. If you have any questions, please don't hesitate to call EMS (877-424-6979) or your local representative.

Preparation

The metal must be properly prepared for a successful Fusion application. The metal must be clean, **DRY** and without any coating or paint. Fusion cannot work through concrete, paint, oils, release agents or any foreign material that may be inside the drum. Clean, dry, warm metal is what we need to succeed.

New Mixers

For new or refurbished mixer drums, you must first deliver several yards of concrete or add stone and water, charge for 10 min and then discharge the stone and water. This is done to prepare the surface, remove any slag or oils from the drum manufacturing process. Sanding or scuffing of the drum is not recommended.

Water

Fusion is a delicate, sophisticated formulation. **ANY** additional water introduced into the drum or already inside (wet walls and fins, condensation or a puddle at the bottom the drum) will result in product failure.

When the person applying Fusion enters the drum, have them soak up any water that has settled at the bottom of the drum with towels and remove them before the application.

Application

You can apply with an airless sprayer (pump up sprayer typically used in lawn and garden use). Do not atomize Fusion. Make sure that the person spraying Fusion in the drum applies no less that 2 to 2.5 gallons of Fusion in a standard 10 yard mixer. It will look coated (wet) after just 1 gallon but that is not a thick enough coating to do the job long term. Think of it like painting the inside of the drum. A single coat of paint is never enough. The same is true with Fusion. They do not need to wait to apply the "second coat" but they have to be patient enough to spray the entire 2-2.5 gallons of Fusion.

After leaving the drum, run at low RMP in charge for 15 revolutions, then discharge for the same. Eventually, some of the Fusion will exit the drum. This can be collected for future use or just allowed to hit the ground. We're talking about 0.5 liters on average will come out upon discharge.

The other option is to dump 35 gallons of Fusion into a clean, dry mixer drum and follow the directions on the label.

Dry Time

Fusion must dry. Overnight is best but a minimum of 12 hours should be given to dry. Again, ANY water entering the drum during this time will ruin the application.

Temperature

Fusion does not like the cold. It cannot be applied if the temperature of the metal is below 40 degrees F. During cold months, the trucks must be parked inside to allow the metal to heat up, receive the application and be allowed to dry.

